

ABSTRACT

In a method for determining the general semantic theme of a group
5 of images, whereby each digitized image is identified as belonging to a specific
group of images, one or more image feature measurements are extracted from
each of the digitized images in an image group, and then used to produce an
individual image confidence measure that an individual image belongs to one or
more semantic classifications. Then, the individual image confidence measures
10 for the images in the image group are used to produce an image group confidence
measure that the image group belongs to one or more semantic classifications, and
the image group confidence measure is used to decide whether the image group
belongs to one or to none of the semantic classifications, whereby the selected
semantic classification constitutes the general semantic theme of the group of
15 images. Additionally, a plurality of semantic theme processors, one for each
semantic classification, are provided to produce enhanced value imaging services
and products for image groups that fall into an appropriate semantic theme.